

Soil Legends

A soil legend includes a list of symbols and names that identify each soil map unit in the soil survey area. The symbol serves as a link between the map sheets, detailed soil map unit descriptions, and tables with soil properties and interpretations information. In published soil survey reports, the legend is located in the index to map units and on the back of the Index to Map Sheets. Individual symbols precede the map unit name in the “soil descriptions” section and represent specific areas on the map sheets.

Currently, map unit symbols vary by county and consist of numbers, letters, or a combination of numbers and letters (examples: 33, Br, MoD2, 10C, 50008). Counties with symbols of one, two, or three digits or two letters represent the kind of soil or miscellaneous land areas. A capital letter of A, B, C, D, E, or F following a number or lower case letter indicates the class of slopes. Soils without a slope letter are for those map units that are nearly level. A final number of 2 following a letter indicates that the soil is eroded. A number 3 indicates that the soil is severely eroded. Miscellaneous areas with a considerable range of slope may not have slope classes indicated.

Newer soil surveys in Missouri will use a five digit map unit symbols in the soil legend. The five digit map unit symbols are the start of an effort to develop a statewide soil legend. The first digit will identify the Major Land Resource Area (MLRA) and the remaining four digits will identify the landform for the map unit. Example:

MLRA	Symbol Number	Landform Number	Landform Name
107	10000	10000-12499	Upland
		12500-13499	Stream terrace
		13500-14999	Flood plain

This subsection includes:

- **(a) Soil Map Units in the County**

Barry County, Missouri
Acreage and Proportionate Extent of the Soils

Map symbol	Soil name	Acres	Percent
11B	Pembroke silt loam, 1 to 3 percent slopes-----	690	0.1
15C	Scholten gravelly silt loam, 3 to 9 percent slopes-----	62,500	12.4
16B	Creldon silt loam, 1 to 3 percent slopes-----	660	0.1
18B	Captina silt loam, 1 to 3 percent slopes-----	4,700	0.9
19B	Needleye silt loam, 1 to 3 percent slopes-----	410	*
20B	Branson silt loam, 1 to 3 percent slopes-----	3,500	0.7
21B	Claiborne silt loam, 2 to 5 percent slopes-----	5,600	1.1
22B	Britwater gravelly silt loam, 2 to 5 percent slopes-----	8,700	1.7
23B	Lily-Ramsey complex, 2 to 5 percent slopes-----	2,300	0.5
24A	Parsons-Barden-Carytown silt loams, 0 to 3 percent slopes-----	810	0.2
26B2	Yelton loam, 2 to 5 percent slopes, eroded-----	2,400	0.5
27E	Beemont cobbly very fine sandy loam, 5 to 20 percent slopes, extremely stony-----	3,850	0.8
28C	Beemont loam, 3 to 9 percent slopes-----	940	0.2
29C	Portia fine sandy loam, 3 to 9 percent slopes-----	340	*
30C	Keeno very gravelly silt loam, 3 to 9 percent slopes-----	860	0.2
31C	Waben very gravelly silt loam, 3 to 9 percent slopes-----	2,250	0.4
35D	Hailey-Nixa very gravelly silt loams, 5 to 14 percent slopes-----	22,000	4.3
36D	Nixa-Clarksville very gravelly silt loams, 5 to 14 percent slopes-----	13,700	2.7
40D	Noark-Clarksville very gravelly silt loams, 5 to 14 percent slopes-----	19,900	3.9
41E	Noark very gravelly silt loam, 9 to 20 percent slopes-----	15,000	3.0
44G	Hailey-Rock outcrop-Moko complex, 35 to 60 percent slopes-----	51,000	10.1
45F	Clarksville very gravelly silt loam, 14 to 35 percent slopes-----	32,250	6.4
46G	Clarksville-Rock outcrop-Moko complex, 35 to 60 percent slopes-----	18,600	3.7
50C	Nixa very gravelly silt loam, 3 to 9 percent slopes-----	8,100	1.6
51B	Tonti-Scholten complex, 2 to 6 percent slopes-----	51,500	10.2
54	Dunning silt loam, overwashed, frequently flooded-----	440	*
55	Elk-Huntington silt loams-----	3,200	0.6
61B	Hoberg silt loam, 2 to 5 percent slopes-----	2,450	0.5
76	Raccoon silt loam, occasionally flooded-----	1,400	0.3
81B	Tonti silt loam, 1 to 3 percent slopes-----	15,600	3.1
82B	Rock outcrop-Lithic Udorthents complex, 2 to 5 percent slopes-----	105	*
83F	Moko-Rock outcrop complex, 5 to 50 percent slopes-----	7,300	1.4
83G	Rock outcrop-Moko complex, 50 to 95 percent slopes-----	880	0.2
84D	Bardley-Moko-Rock outcrop complex, 5 to 14 percent slopes-----	5,700	1.1
85D	Moko-Rock outcrop-Blueye complex, 5 to 14 percent slopes-----	5,200	1.0

Barry County, Missouri
Acreage and Proportionate Extent of the Soils

Map symbol	Soil name	Acres	Percent
85F	Moko-Blueye-Rock outcrop complex, 14 to 50 percent slopes-----	24,250	4.8
86D	Mano-Gatewood very gravelly silt loams, 5 to 14 percent slopes, extremely stony-----	11,500	2.3
86F	Mano-Ocie extremely gravelly silt loams, 14 to 50 percent slopes, extremely stony-----	11,400	2.3
87F	Moko-Snead-Rock outcrop complex, 14 to 50 percent slopes-----	2,350	0.5
88D	Blueye-Moko complex, 5 to 14 percent slopes-----	1,650	0.3
89D	Mano-Ocie very gravelly silt loams, 5 to 14 percent slopes-----	16,600	3.3
89F	Mano-Ocie very gravelly silt loams, 14 to 50 percent slopes-----	8,700	1.7
91B	Viraton silt loam, 2 to 5 percent slopes-----	1,550	0.3
92A	Secesh silt loam, 0 to 3 percent slopes, rarely flooded-----	20,250	4.0
93B	Waben-Cedargap very gravelly silt loams, 0 to 5 percent slopes-----	14,700	2.9
94B	Hercules very gravelly silty clay loam, 1 to 5 percent slopes, occasionally flooded-----	7,056	1.4
96	Pits-dumps complex-----	115	*
M-W	Miscellaneous water-----	10	*
W	Water-----	10,935	2.2
	Total-----	505,901	100.0

* Less than 0.1 percent.